# Safety Data Sheet
## according to WHS Regulations

Date of issue: 19.11.2026 Revision: 19.11.2026

* 
## 1 Identification

· **Other means of identification**

· **Trade name: Ultrapro™ Tx Prophy Paste Pure**

· **Article number:** SDS 339-001.06R01, 8325
· **Relevant identified uses of the substance or mixture and uses advised against** Professional Dental Prophy Paste
· **Application of the substance / the mixture** Professional Dental Prophy Paste

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Manufactured by Young Innovations, Inc. for:
Ultradent Products, Inc. 505 W. Ultradent Drive (10200 S)
South Jordan, UT 84095-3942
USA
onlineordersupport@ultradent.com
(800) 552-5512

Ultradent Australia Pty Ltd.
Level 22/2 Market Street
Sydney NSW 2000
Australia
Email: info.anz@ultradent.com
Toll Free: 1-800-290929

· **Further information obtainable from:** Customer Service
· **Emergency telephone number:**
CHEMTREC (NORTH AMERICA) : +1 (800) 424-9300
(INTERNATIONAL) : +(703) 527-3887

## 2 Hazard(s) Identification

· **Classification of the substance or mixture**



GHS07

Eye damage/irritation – Category 2A H319 Causes serious eye irritation.
· **Additional information:** The full text of the classification and labelling elements mentioned is given in Section 16.

· **Label elements**
· **GHS label elements** Void
· **Hazard pictograms** GHS07
· **Signal word** Warning
· **Hazard statements**
H319 Causes serious eye irritation.
· **Precautionary statements**

| | |
|---|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read label before use. |
| P264 | Wash thoroughly after handling. |
| P280 | Wear eye protection / face protection. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |



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## 3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**
· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

| | | |
|---|---|---|
| 56-81-5 | Glycerin<br>Eye damage/irritation – Category 2A, H319 | 15-40% |
| 7664-38-2 | Phosphoric Acid<br>Corrosive to metals – Category 1, H290; Skin corrosion/irritation – Category 1B, H314; Eye damage/irritation – Category 1, H318; Acute toxicity - oral – Category 4, H302 | 0.5-1.5% |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## 4 First Aid Measures

· **After inhalation:**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
· **After skin contact:**
If skin irritation continues, consult a doctor.
Wash immediately with soap and plenty of water.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:**
Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed**
May cause irritation to the respiratory tract.
May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness ans swelling
May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
· **Indication of any immediate medical attention and special treatment needed**
In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5 Fire Fighting Measures

· **Suitable extinguishing agents:**
Do not use water jet
Use fire extinguishing methods suitable to surrounding conditions.
· **Special hazards arising from the substance or mixture**
Product of combustion may include, and are not limited to: oxides of carbon. Sodium oxide. Irritating vapors
· **Protective equipment:**
Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA)

## 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**
Wear appropriate protective clothing and equipment as described in Section 8. Use caution - surfaces will be very slippery.
· **For non-emergency personnel** No additional information available

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· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
All equipment used when handling the product must be grounded. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dike far ahead of larger spill for later recovery and disposal. In case of leakage, eliminate all ignition sources.
Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

## 7 Handling and Storage

· **Handling:**
· **Precautions for safe handling:**
Flammable/combustible - Keep away from oxidizers, heat and flames.
Avoid contact with skin and eyes. Avoid breathing mists or vapors. Use only with adequate ventilation. Wash hands thoroughly after handling.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take precautionary measures against static discharges.
· **Information about fire - and explosion protection:** No special measures required.
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Do not store in unlabelled cotainers. Containers which are opened should be propertly resealed and kept upright to prevent leakage. Keep out of the reach of children. Keep container tightly closed. Store indry, cool and well-ventilated place.
· **Information about storage in one common storage facility:** Not required
· **Further information about storage conditions:**
See product labelling.
Keep container tightly sealed.
· **Specific end use(s)**
Professional Dental Prophy Paste
Dental purposes.

## 8 Exposure controls and personal protection

· **Appropriate engineering controls** No further data; see section 7.

| · **Ingredients with limit values that require monitoring at the workplace:** | |
|---|---|
| **56-81-5 Glycerin** | |
| TWA | Short-term value: 10 mg/m³ |
| WEL | Long-term value: 10 mg/m³ |
| WES | Long-term value: 10 mg/m³<br>inhalable dust |
| **7664-38-2 Phosphoric Acid** | |
| WEL | Short-term value: 3 mg/m³<br>Long-term value: 1 mg/m³ |
| WES | Short-term value: 3 mg/m³<br>Long-term value: 1 mg/m³ |

· **Additional information:** The lists valid during the making were used as basis.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.

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*Immediately remove all soiled and contaminated clothing.*
*Wash hands before breaks and at the end of work.*
*Avoid contact with the eyes.*
*Avoid contact with the eyes and skin.*

· **Respiratory protection:**
*In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on knowm or anticipated exposure levels, the hazards of the procut and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work enviroment,*

· **Protection of hands:**



*Protective gloves*

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*
*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*
*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*

· **Material of gloves**
*The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*

· **Penetration time of glove material**
*The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.*

· **Eye protection:**



*Tightly sealed goggles*

· **Body protection:** *Protective work clothing*

## 9 Physical and Chemical Properties

| | |
|---|---|
| · **General Information** | |
| · **Appearance:** | |
| · **Form:** | *Paste* |
| · **Colour:** | *Light grey* |
| · **Odour:** | *Odourless* |
| · **Odour threshold:** | *Not determined* |
| · **pH-value:** | *Not applicable* |
| · **Change in condition** | |
| · **Melting point/freezing point:** | *Not determined* |
| · **Initial boiling point and boiling range:** | *Not determined* |
| · **Flash point:** | *Not Determined* |
| · **Flammability** | *Not determined* |
| · **Decomposition temperature:** | *Not determined* |
| · **Ignition temperature:** | *Product is not selfigniting.* |
| · **Explosive properties:** | *Product does not present an explosion hazard.* |
| · **Explosion limits:** | |
| · **Lower:** | *Not determined* |
| · **Upper:** | *Not determined* |
| · **Vapour pressure:** | *Not applicable* |
| · **Density:** | *Not determined* |

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| | |
|---|---|
| · **Relative density** | Not determined |
| · **Vapour density** | Not applicable |
| · **Evaporation rate** | Not applicable. |
| · **Solubility in / Miscibility with** | |
| · **water:** | Soluble. |
| · **Partition coefficient: n-octanol/water:** | Not determined |
| · **Viscosity:** | |
| · **Dynamic:** | Not applicable |
| · **Kinematic:** | Not applicable |
| · **Other information** | |
| · **Particle characteristics** | Not determined |
| · **Physical state** | Solid |

## 10 Stability and Reactivity

· **Reactivity** No further relevant information available.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions:** No dangerous reactions known.
· **Conditions to avoid:**
Heat
Incompatible materials
· **Incompatible materials:**
Strong Acids
Strong oxidizing agents
· **Hazardous decomposition products:** Oxides of sodium. Irritating vapors

## 11 Toxicological Information

· **Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.

| · **LD/LC50 values relevant for classification:** | | |
|---|---|---|
| **ATE (Acute Toxicity Estimate)** | | |
| Oral | LD50 | 102,000-306,000 mg/kg (rat) |

| **56-81-5 Glycerin** | | |
|---|---|---|
| Oral | LD50 | 7,750 mg/kg (guinea pig) |
| | | 4,100 mg/kg (mouse) |
| | | 5,570 mg/kg (rat) |
| | | 27,000 mg/kg (rabbit) |
| | LC50 Fish | >5,000 mg/l (Fish) |
| Dermal | LD50 | >21,900 mg/kg (rat) |
| | | 10,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >0.1425 mg/l (rat) |
| **7664-38-2 Phosphoric Acid** | | |
| Oral | LD50 | 1,530 mg/kg (rat) |
| Dermal | LD50 | 2,740 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 0.42225 mg/l (rabbit) |

· **Primary irritant effect:**
· **Skin corrosion/irritation**
Irritant effect on the skin

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*Prolonged skin contact may cause mild irritation and drying of the skin.*
*Based on available data, the classification criteria are not met.*
· ***Serious eye damage/irritation***
*Contact may cause mild irritation with redness and tearing.*
*Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness ans swelling.*
*Causes serious eye irritation.*
· ***Respiratory or skin sensitisation*** *Based on available data, the classification criteria are not met.*
· ***Germ cell mutagenicity*** *Based on available data, the classification criteria are not met.*
· ***Carcinogenicity*** *Based on available data, the classification criteria are not met.*
· ***Reproductive toxicity*** *Based on available data, the classification criteria are not met.*
· ***STOT-single exposure*** *Based on available data, the classification criteria are not met.*
· ***STOT-repeated exposure*** *Based on available data, the classification criteria are not met.*
· ***Aspiration hazard*** *Based on available data, the classification criteria are not met.*

## 12 Ecological Information

· ***Toxicity***

| · ***Aquatic toxicity:*** | |
|---|---|
| ***56-81-5 Glycerin*** | |
| *EC50* | *>10,000 mg/kg (Bacteria)* |

· ***Persistence and degradability*** *Not rapidly degradable*
· ***Behaviour in environmental systems:***
· ***Bioaccumulative potential*** *No further relevant information available.*
· ***Mobility in soil*** *No further relevant information available.*
· ***Additional ecological information:***
· ***General notes:***
*May cause long-term adverse effects in the aquatic environment*
*Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water*
*Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.*
· ***Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable*
· ***vPvB:*** *Not applicable*
· ***Other adverse effects*** *No further relevant information available.*

## 13 Disposal considerations

· ***Waste treatment methods***
· ***Recommendation***
*Dispose of contents/container to in accordance with local/regional/national/international regulations.*
*The generation of waste should be avoided or minimized wherever possible. Recycle empty containers where allowed.*
*Dispose of contents/container in accordance with international, federal, state, and local regulations.*

· ***Uncleaned packaging:***
· ***Recommendation:*** *Disposal must be made according to official regulations.*
· ***Recommended cleansing agents:*** *Water, if necessary together with cleansing agents.*

## 14 Transport information

· ***UN-Number***
· ***ADG, ADN, IMDG, IATA*** *not regulated*

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| | |
|---|---|
| · **UN proper shipping name** · **ADG, ADN, IMDG, IATA** | not regulated |
| · **Transport hazard class(es)** · **ADG, ADN, IMDG, IATA** · **Class** | not regulated |
| · **Packing group** · **ADG, IMDG, IATA** | not regulated |
| · **Environmental hazards:** | Not applicable |
| · **Special precautions for user** | Not Applicable |
| · **Transport in bulk according to Annex II of Marpol and the IBC Code** | Not applicable |
| · **UN "Model Regulation":** | not regulated |

## 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **Australian Inventory of Industrial Chemicals**

All ingredients are listed.

· **Standard for the Uniform Scheduling of Medicines and Poisons**

| | | |
|---|---|---|
| 7664-38-2 | Phosphoric Acid | S5, S6 |

· **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Chemical safety assessment:**
Device is biocompatible when used as directed by dental professionals per ISO 10993-1

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases from Section 3**
H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

· **Department issuing SDS:** Regulatory Compliance
· **Contact:** Customer Service
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances

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*CAS: Chemical Abstracts Service (division of the American Chemical Society)*
*LC50: Lethal concentration, 50 percent*
*LD50: Lethal dose, 50 percent*
*PBT: Persistent, Bioaccumulative and Toxic*
*vPvB: very Persistent and very Bioaccumulative*
*NIOSH: National Institute for Occupational Safety*
*Corrosive to metals – Category 1: Corrosive to metals – Category 1*
*Acute toxicity - oral – Category 4: Acute toxicity – Category 4*
*Skin corrosion/irritation – Category 1B: Skin corrosion/irritation – Category 1B*
*Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1*
*Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A*

· **** Data compared to the previous version altered.***